

REPORT OF CHANNEL CONDITIONS 400 FEET WIDE OR GREATER <i>(ER 1130-2-306)</i>						PAGE 1 OF 1 <hr/> DATE December 5, 2003		
TO: The Record					FROM: U.S. Army Corps of Engineers 26 Federal Plaza, ATTN: CENAN-OP-ST New York, NY 10278-0090			
RIVER/HARBOR NAME AND STATE: Hackensack River Channel (Mile 0 to 3.9), Upper End Section, and Turning Basin, New Jersey					MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD			
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	LEFT INSIDE QUARTER (feet)	RIGHT INSIDE QUARTER (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (miles)	DEPTH (feet)				
Reach A: Hackensack River Mile 0 to Mile 1.8	Map 198 P 2 thru 4 25-28 Jul., 2003	300-400	1.8	32	25.7	28.8	25.4	18.3
Reach B: Hackensack River Mile 1.8 to Mile 3.9	Map 198 P 4 thru 7 25-28 Jul., 2003	300	2.1	32	28.1	29.1	29.0	19.4
Reach C: Hackensack River Upper End Section and Turning Basin	Map 198 P 7 thru 8 25-28 Jul., 2003	300-800	0.27	25	28.6	30.1	30.2	29.3
Reach D: Hackensack River Mile 4.2 to Mile 4.6	Map 198 P 8 of 8 25-28 Jul., 2003	200	0.39	15	13.4	13.9	14.9	15.7

REMARKS:

- All depths in MLW
- Reach A has shoaling along the entire length of the channel reach, and numerous shoals in left and right quarters that extend into the center half of the channel.
- Reach B has two shoals across the entire channel from the start of the reach to the New Jersey Turnpike Bridge, and numerous shoals in the left and right quarters that extend into the center half of the channel.
- Reach C has shoaling in the south-west portion of the turning basin as well as a small shoal in the northern corner of the basin.
- Reach D has some shoaling along a 750' stretch of the left quarter of the channel which at some points extends into the center of the channel.